Message

From: Gray, Earl [Gray.Earl@epa.gov]
Sent: 1/7/2021 5:23:44 PM
To: Strynar, Mark [Strynar.Mark@epa.gov]
CC: Conley, Justin [Conley.Justin@epa.gov]; Lambright, Christy [Lambright.Christy@epa.gov]; Evans, Nicola [Evans.Nicola@epa.gov]; Hill, Donna [Hill.Donna@epa.gov]; beth.dittman@dhhs.nc.gov; Risen, Amy J [amy.risen@ncdenr.gov]; McCord, James [mccord.james@epa.gov]
Subject: Re: New paper on PFO4DA and PFO5DoDA mouse toxicity

Effects on liver at 2 micrograms per kg per day with 140 dosing

Would not need nearly as much of this as a pfas like genx

Sent from my iPhone

On Jan 7, 2021, at 8:50 AM, Strynar, Mark <Strynar.Mark@epa.gov> wrote:

Justin,

I wish we could find a commercial source as well. As far as I am aware only Chemours has provided these so far, or they need to be made. I am told in China from my colleagues in the industry these are commonly manufactured. I have found a vendors in the past that listed both of these but made no progress in even getting a response. Perhaps you can try. If you search in Google by CAS you can also get other vendors not listed in the Scifinder search. FTORAN GmbH & Co KG / ANLES,LTD will come up as having both of these in their list of chemicals here. Thus far I have had no contact back from them either though I have not tried recently https://www.chembuyersguide.com/partners/ftoran.html

Here are the Scifinder listed vendors for the PFO4DA CAS 39492-90-5
<image001.jpg>

Here are the listed vendors for the PFO5DOA CAS 39492-91-6

<image002.jpg>

From: Conley, Justin <Conley.Justin@epa.gov>
Sent: Thursday, January 07, 2021 8:30 AM
To: Gray, Earl <Gray.Earl@epa.gov>; Lambright, Christy <Lambright.Christy@epa.gov>; Evans, Nicola <Evans.Nicola@epa.gov>; Hill, Donna <Hill.Donna@epa.gov>
Cc: beth.dittman@dhhs.nc.gov; Risen, Amy J <amy.risen@ncdenr.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; McCord, James <mccord.james@epa.gov>
Subject: New paper on PFO4DA and PFO5DoDA mouse toxicity

First tox study I've seen on the two new PFAS compounds found in everyone's blood in Wilmington from the NC State Study.

140 d oral exposure, liver effects at 10 ug/kg/d – long half life for PFO5DoDA. They synthesized the compounds themselves so have to trust they made the right molecules, but results mostly consistent with our GenX work and others. Wish we could find a source of these compounds to do some work ourselves.

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